

AQUEOUS DISPERSION OF CURABLE URETHANE RESIN

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- european:
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Abstract of JP7010948

PURPOSE:To obtain the subject dispersion which has a long pot life and gives a coating film excellent in strengths and resistances to solvents, heat, and water by using a specific aq. urethane resin dispersion and a specific hydrazine deriv. as the main ingredients. **CONSTITUTION:**This aqueous resin dispersion is prepd. by using, as the main ingredients, an aq. dispersion of a carbonylated urethane resin (e.g. an aq. urethane resin dispersion obtd. by reacting polybutylene adipate diol, dimethylolpropionic acid, 1,3-dihydroxy-2-propanone, and hexamethylene diisocyanate, emulsifying the reactional product by mixing it with an aq. soln. of triethylamine, and subjecting the product to chain extension with ethylenediamine) and a hydrazine deriv. having at least two hydrazine residues (e.g. adipic acid dihydrazide) in a molar ratio of the carbonyl groups of the urethane resin to the hydrazine deriv. of (1/0.02)-(1/20).

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